

May 6, 2009

Mr. Ron Gilkerson
Griffin Brothers Companies
19109 W. Catawba Avenue, Suite 200
Cornelius, North Carolina 28031-5613

RE: Semi-Annual Sampling Report (14)
 Highway 55 C&D Landfill
 Wake County, North Carolina
 Project No. EP-1306

Dear Mr. Gilkerson:

In accordance with the Water Quality Monitoring Plan approved by the North Carolina DENR-Solid Waste Section on August 9, 2002 as part of the Site Plan Application Report and the final Permit to Operate, Enviro-Pro, P.C. (EP) personnel have completed the first semi-annual round of sampling for 2009 at the subject site.

Enviro-Pro appreciates the opportunity to continue to provide our environmental services on your project. Please contact me at (803) 547-4955 if you have any questions concerning this Report or when we can be of further service.

Sincerely,
ENVIRO-PRO, P.C.

Thomas H. Bolyard, P.G.
Senior Hydrogeologist

MONITORING REPORT (14)

Highway 55 C&D Landfill
Wake County, North Carolina

Prepared for:
Mr. Ron Gilkerson
Griffin Brothers Companies
19109 West Catawba Avenue, Suite 200
Cornelius, North Carolina 28031-5613

Prepared by:
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Project Number EP-1306

May 6, 2009

The first 2009 semi-annual sampling event for this site was conducted by Enviro-Pro, P.C. (EP) personnel on April 8, 2009 and includes upstream and downstream samples of Little Creek (SW-1 and SW-2), Falls Branch (SW-3 and SW-4), and groundwater monitor wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, and MW-7. Sampling locations are indicated on attached Figure 1. For QA/QC purposes, a field equipment (i.e., bailer) rinse blank and a laboratory trip blank were also analyzed for VOCs.

All samples were collected as described in the approved Water Quality Monitoring Plan and were then transported to the Shealy Environmental Services, Inc laboratory in West Columbia, South Carolina (a North Carolina certified laboratory) for analysis of volatile organic compounds (Method 8260B) and the eight RCRA metals. The completed Chain of Custody Record for these samples along with Shealy's Report of Analysis is attached as Appendix A. A summary of the field parameters recorded during well purging and the volume of water purged from each well prior to sampling is provided on the field forms included in Appendix B.

A summary of groundwater and surface water analytical results is presented in Table 1. Barium was detected in all the surface and groundwater samples. The metal silver was also detected in groundwater monitor well MW-7. However, none of these metal concentrations exceeded their respective 2L Standards. The detection of these metals reflects naturally occurring levels within the subsurface materials in this region. Trichlorofluoromethane was detected in well MW-6 at a concentration well below its 2L Standard. A summary of groundwater and surface water analytical results for previous sampling events is presented in Table 2. No other VOC compounds were detected in any of the monitor well samples, surface water samples, or the field and trip blanks.

Groundwater levels increased in all the monitor wells since the previous sampling event on October 14, 2008, except groundwater monitor well MW-1, which showed a slight decrease since the previous sampling event.

The next sampling event for the Highway 55 C&D Landfill site is scheduled for October 2009.

TABLE 1
SUMMARY OF GROUNDWATER/SURFACE WATER ANALYTICAL RESULTS
Highway 55 C&D Landfill
Wake County, North Carolina

| Analytical Method | | | 6010B | 6010B | 8260B |
|------------------------|-------------|----------------|--------|--------|------------------------|
| Contaminant of Concern | | | Silver | Barium | Trichlorofluoromethane |
| Well ID | Sample ID | Date Collected | | | |
| MW-1 | MW-1 | 4/8/09 | BDL | 0.90 | BDL |
| MW-2 | MW-2 | 4/8/09 | BDL | 0.074 | BDL |
| MW-3 | MW-3 | 4/8/09 | BDL | 0.26 | BDL |
| MW-4 | MW-4 | 4/8/09 | BDL | 0.12 | BDL |
| MW-5 | MW-5 | 4/8/09 | BDL | 0.048 | BDL |
| MW-6 | MW-6 | 4/8/09 | BDL | 0.080 | 1.8 |
| MW-7 | MW-7 | 4/8/09 | 0.0050 | 0.91 | BDL |
| SW-1 | SW-1 | 4/8/09 | BDL | 0.044 | BDL |
| SW-2 | SW-2 | 4/8/09 | BDL | 0.045 | BDL |
| SW-3 | SW-3 | 4/8/09 | BDL | 0.052 | BDL |
| SW-4 | SW-4 | 4/8/09 | BDL | 0.046 | BDL |
| Field Blank | Field Blank | 4/8/09 | BDL | BDL | BDL |
| Trip Blank | Trip Blank | 4/8/09 | BDL | BDL | BDL |
| 2L Standard (ug/l) | | | 0.0175 | 2 | 2,100 |

Notes: All metals are presented in milligrams per liter (mg/l)

TABLE 2
HISTORICAL SUMMARY OF GROUNDWATER/SURFACE WATER ANALYTICAL RESULTS
Highway 55 C&D Landfill
Wake County, North Carolina

[illegible]

| | | | | | | | | | | | | | | | | | | |
|----------------|-----|-------|------|-----|------|---------|--------|-------|------|-----|------|---------|-----|-------|-----|-------|--------|-----|
| Blank | | | | | | | | | | | | | | | | | | |
| Trip Blank | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL |
| 2L Standard | 2 | 0.015 | 0.05 | 2 | 0.05 | 0.00105 | 0.0175 | 0.015 | 0.05 | 2 | 0.05 | 0.00105 | 700 | 4,200 | 70 | 2,100 | 0.0175 | 2 |

Notes: All metals are presented in milligrams per liter (mg/l)
All VOCs are presented in micrograms per liter (ug/L)
BDL = Below detection limit